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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/811,223
Filing Date	March 26, 2004
First Named Inventor	Lakkis
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned
Attorney Docket Number	45389.00008.CIP

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
/AE/	AA	6,185,258		Alamouti, et al.	02-06-2001	

FOREIGN PATENT DOCUMENTS

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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/AE/	AB	ALAMOUTI, Siavash M., "A Simple Transmit Diversity Technique for Wireless Communications" <i>IEEE Journal on Select Areas in Communications</i> , Vol. 16, No. 8, October 1998.	
/AE/	AC	WORNELL, Gregory W. and Mitchell D. Trott, "Efficient Signal Processing Techniques for Exploiting Transmit Antenna Diversity on Fading Channels" <i>IEEE Transactions on Signal Processing</i> , Vol. 45, No. 1, January 1997.	

Examiner Signature /Aslan Ettehadiel/

Date Considered 07/01/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation is not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

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Application Number	10/811,223
Filing Date	March 26, 2004
First Named Inventor	Lakkis, Ismail
Group Art Unit	2681
Examiner Name	To Be Assigned
Attorney Docket Number	45389.00008.CIP1

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/AE/	AQ	BINGHAM, JOHN A.C. "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come" IEEE Communications Magazine, May 1990, Pages 5-14.	
/AE/	AR	BLUM, RICK S. et al. "Improved Space - Time Coding for MIMO-OFDM Wireless Communications" IEEE Transactions on Communications, Vol. 49, No. 11, November 2001, pp. 1873-1878.	

Examiner Signature	/Aslan Ettehadieh/	Date Considered	07/01/2007
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Sheet 2	of 2	Attorney Docket Number	45389.00008.CIP1

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	AY	PATTAN, BRUNO "A Brief Exposure to Ultra-Wideband Signaling" Microwave Journal, December 2003, pages 1-5.	
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/AE/	BB	YE, ZHONG et al. "Throughput Analysis for a Packet Radio Network Using Rate Adaptive OFDM Signaling" IEEE International Conference on Communications, June 1999, pp. 1-7.	

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